

Table SI. Summary of miRanda Output of Conserved miRNAs Predicted to Bind linc-MD1, Related to Extended Experimental Procedures

mir	Score	Energy	Note
mmu-miR-683	157	-24.7	(1)
mmu-miR-7a	156	-17.12	(2)
mmu-miR-7b	156	-17.12	(2)
mmu-miR-3058*	153	-27.35	(1)
mmu-miR-135a	151	-16.37	
mmu-miR-135b	150	-16.99	
mmu-miR-370	149	-21.8	(2)
mmu-miR-875-5p	149	-16.75	(1)
mmu-miR-3077*	149	-38.92	(1)
mmu-miR-135b	147	-18.78	
mmu-miR-135a	146	-15.4	
mmu-miR-19b-2*	146	-19.67	(1)
mmu-miR-216b	145	-18.65	(1)
mmu-miR-3084*	145	-13.48	(1)
mmu-miR-450a-2*	145	-18.26	(1)
mmu-miR-133b	144	-21.87	
mmu-miR-133a	144	-21.13	
mmu-miR-320	144	-9.38	(2)
mmu-miR-707	144	-20.44	(1)
mmu-miR-511-5p	143	-21.78	(1)
mmu-miR-703	143	-16.03	(1)
mmu-miR-1968*	143	-17.08	(1)
mmu-miR-3103	142	-9.84	(1)
mmu-miR-340-3p	142	-26.74	(1)
mmu-miR-469	142	-21.41	(1)
mmu-miR-669n	142	-9.11	(1)
mmu-miR-592	142	-9.63	(1)
mmu-miR-1224	142	-20.22	(1)
mmu-miR-653	142	-11.44	(1)
mmu-miR-380-5p	140	-10.7	(1)
mmu-miR-758*	140	-22.04	(1)
mmu-miR-1224*	140	-21.71	(1)
mmu-miR-1905	140	-13.72	(1)
mmu-miR-1-1*	140	-20.49	(1)
mmu-miR-3064-5p	140	-20.85	(1)

Conservation was evaluated using the Mammal Cons phastCons30wayPlacental.

(1) miRNAs not expressed in muscle (see Extended Experimental Procedures).

(2) miRNA whose targets are not expressed in muscle or do not have a known function in muscle physiology (see Extended Experimental Procedures).